AMENDMENT

AMENDMENT TO THE CLAIMS:

Please amend the Claims as follows with additions shown as underlined and deletions shown as strikeouts.

1. (CURRENTLY AMENDED) A method of phosphorous reduction in stormwater runoff comprising the steps of:

(a) channeling a fluid runoff into a fluid retention area having vegetation;

(b) filtering the fluid runoff through iron humate to ~~absorbing~~ absorb phosphorous from the fluid runoff with the iron humate to create filtered fluid runoff; ~~and,~~

(c) during step (b), fertilizing said vegetation in said fluid retention area with said iron humate to promote vegetation growth; and,

~~(c)~~(d) discharging the filtered fluid runoff out of the fluid retention area.

2. (ORIGINAL) The method of CLAIM 1, wherein the fluid runoff is stormwater runoff from non-point sources, the non-point sources include any one of a dairy farm or a sugar cane field

3. (ORIGINAL) The method of CLAIM 1, wherein fluid retention area includes a retention pond.

4. (CURRENTLY AMENDED) The method of CLAIM 1, wherein the fluid retention area includes a wetland reservoir.~~; and~~

~~further comprising the step of:~~

~~(d) fertilizing the wetland reservoir with~~ said ~~iron humate to promote vegetation growth.~~

5. (ORIGINAL) The method of CLAIM 1, wherein the retention area is an agricultural ditch.

6. (CURRENTLY AMENDED) The method of CLAIM 1, further comprising the step of:

~~(d)~~ (e) periodically replacing the iron humate with fresh iron humate.

7. (ORIGINAL) The method of CLAIM 6, wherein the step (b) is carried out while the fluid runoff is in the fluid retention area.

8. (CURRENTLY AMENDED) The method of CLAIM 1, further comprising the step of:

~~(d)~~ (e) prior to the step (b), pumping the fluid runoff into a iron humate filter;

wherein the step (b) is carried out after the step ~~(d)~~ (e).

9. (ORIGINAL) The method of CLAIM 1, wherein the step (b) is carried out while the fluid runoff is in the fluid retention area wherein:

the step (b) comprises the steps of:

(b1) filtering the fluid runoff through the iron humate in a first iron humate wall, baffle or mound to absorb the phosphorous found in the fluid runoff to create first filtered fluid runoff; and,

(b1) filtering the first filtered fluid runoff through the iron humate in a second iron humate wall, baffle or mound to absorb the phosphorous found in the first filtered fluid runoff.

10. (CANCELLED)

11. (CANCELLED)

12. (CANCELLED)

13. (CANCELLED)

14. (CANCELLED)

15. (CANCELLED)

16. (CANCELLED)

17. (CANCELLED)

18. (CANCELLED)

19. (CANCELLED)

20. (NEW) A method of phosphorous reduction in stormwater runoff comprising the steps of:

(a) lining a fluid retention area with a removable iron humate liner having iron humate;

(b) channeling a fluid runoff into said fluid retention area having vegetation;

(c) filtering the fluid runoff through said removable iron humate liner to absorb phosphorous from the fluid runoff with said iron humate to create filtered fluid runoff;

(d) during step (c), fertilizing said vegetation in said fluid retention area with said iron humate to promote vegetation growth in said fluid retention area;

(e) discharging the filtered fluid runoff out of the fluid retention area;

(f) removing said iron humate liner when saturated with said phosphorous; and,

(g) after the step (f), replacing said iron humate liner.

21. (NEW) The method of CLAIM 20, wherein the fluid runoff is stormwater runoff from non-point sources, the non-point sources include any one of a dairy farm or a sugar cane field.

22. (NEW) The method of CLAIM 20, wherein the fluid retention area includes a wetland reservoir.

23. (NEW) The method of CLAIM 20, further comprising the step of:

(h) periodically repeating step (f) and (g).

24. (NEW) The method of CLAIM 20, wherein the step (c) is carried out while the fluid runoff is in the fluid retention area.

25. (NEW) A method of phosphorous reduction in stormwater runoff comprising the steps of:

(a) channeling a fluid runoff into a fluid retention area having vegetation;

(b) filtering the fluid runoff, while in said fluid retention area, through iron humate to absorb phosphorous from the fluid runoff with the iron humate to create filtered fluid runoff;

(c) during step (b), fertilizing said vegetation in said fluid retention area with said iron humate to promote vegetation growth; and,

(d) discharging the filtered fluid runoff out of the fluid retention area.

26. (NEW) The method of CLAIM 25, wherein the fluid runoff is stormwater runoff from non-point sources, the non-point sources include any one of a dairy farm or a sugar cane field.

27. (NEW) The method of CLAIM 25, wherein the fluid retention area includes a wetland reservoir.

28. (NEW) The method of CLAIM 27, wherein said iron humate is a removable iron humate liner; and

further comprising the step of:

(c) lining a fluid retention area with a removable iron humate liner having iron humate, prior to step (a).

29. (NEW) The method of CLAIM 25, further comprising the step of:

(e) periodically replacing the iron humate with fresh iron humate.